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Emil Praun, Hugues Hoppe, Adam Finkelstein

July 1999 SI GGRAPH '99: Proceedings of the 26th annual conference on Computer graphics ar
Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: pdf(2.08 MB)

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Keywords: copyright protection, steganography

2 [Exploiting self-similarities to defeat digital watermarking systems: a case study on still imag](#)

Gwenaél Doërr, Jean-Luc Dugelay, Lucas Grangé

September 2004 MM&Sec '04: Proceedings of the 2004 workshop on Multimedia and security

Publisher: ACM

Full text available: pdf(1.27 MB)

Additional Information: [full citation](#), [abstract](#),

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Unauthorized digital copying is a major concern for multi-media content providers. Since copyrig
or unscrambled, digital watermarking has been introduced as a complementary ...

Keywords: block replacement attack, intra-signal collusion, self-similarities

3 [Reconfigurable hardware solutions for the digital rights management of digital cinema](#)

G. Rouvroy, F.-X. Standaert, F. Lefèbvre, J.-J. Quisquater, B. Macq, J.-D. Legat

October 2004 DRM '04: Proceedings of the 4th ACM workshop on Digital rights management

Publisher: ACM

Full text available: pdf(440.86 KB)


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This paper presents a hardware implementation of a decoder for Digital Cinema images. This de
36 bits per pixels. It is the first implementation known nowadays that perfectly ...

Keywords: AES, DRM, FPGA, JPEG 2000, digital cinema, watermarking

- 4 Single-Chip MPEG-2 422P@HL CODEC LSI with Multi-Chip Configuration for Large Scale
Hiroe Iwasaki, Jiro Naganuma, Koyo Nitta, Ken Nakamura, Takeshi Yoshitome, Mitsuo Ogura, Yasu
March 2003 DATE '03: Proceedings of the conference on Design, Automation and Te
Publisher: IEEE Computer Society

Full text available:  pdf(362.07 KB)  Publisher Site

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Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 54, Citation Count: 1

This paper proposes a new architecture for VASA, a single-chip MPEG-2 422P@HL CODEC LSI w
and demonstrates its flexibility and usefulness. This architecture consists of triple ...


- 5 Understanding the connectivity of heap objects



Martin Hirzel, Johannes Henkel, Amer Diwan, Michael Hind

February 2003 ACM SIGPLAN Notices, Volume 38 Issue 2 supplement

Publisher: ACM

Full text available:  pdf(256.15 KB)

Additional Information: [full citation](#), [abstract](#),

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Modern garbage collectors partition the set of heap objects to achieve the best performance. Fo
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Keywords: connectivity based garbage collection, object lifetimes


- 6 Understanding the connectivity of heap objects



Martin Hirzel, Johannes Henkel, Amer Diwan, Michael Hind

June 2002 ISMM '02: Proceedings of the 3rd international symposium on Memory manage

Publisher: ACM

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Keywords: connectivity based garbage collection, object lifetimes

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